

FIG. 1B



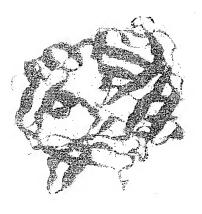


FIG. 1A



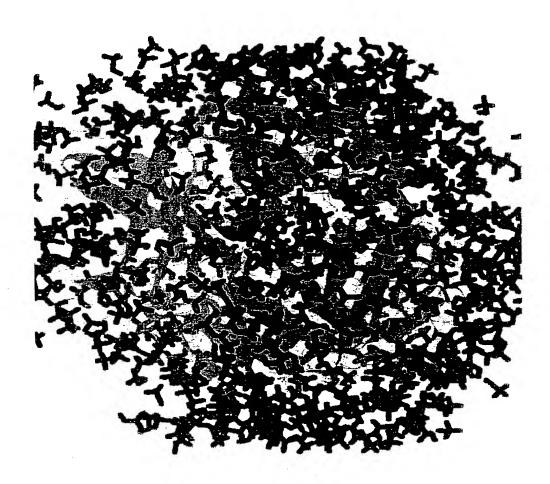


FIG.2A



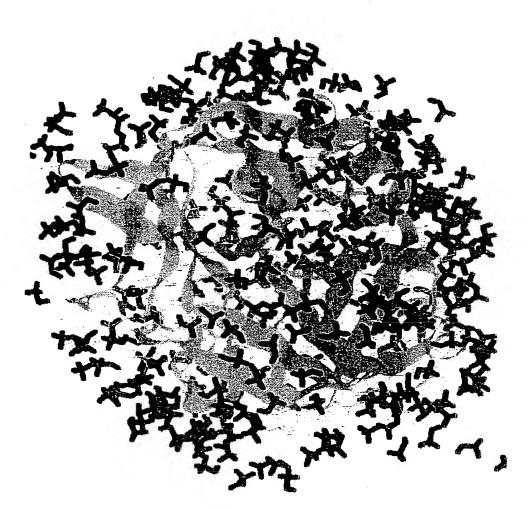


FIG.2B



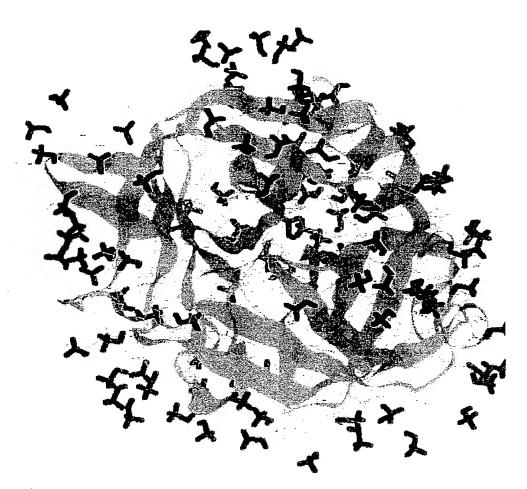


FIG.2C



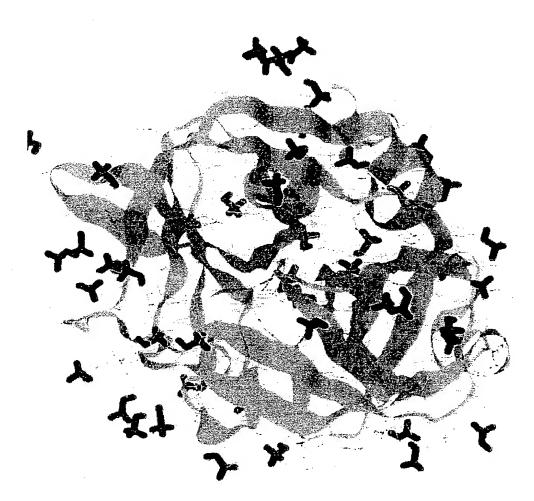


FIG.2D





FIG.3A



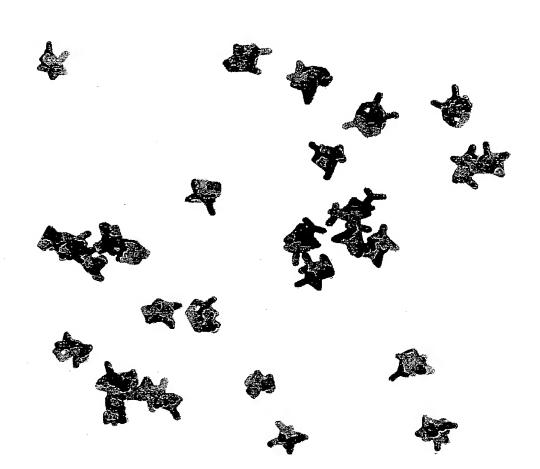


FIG.3B





FIG.3C





FIG.3D

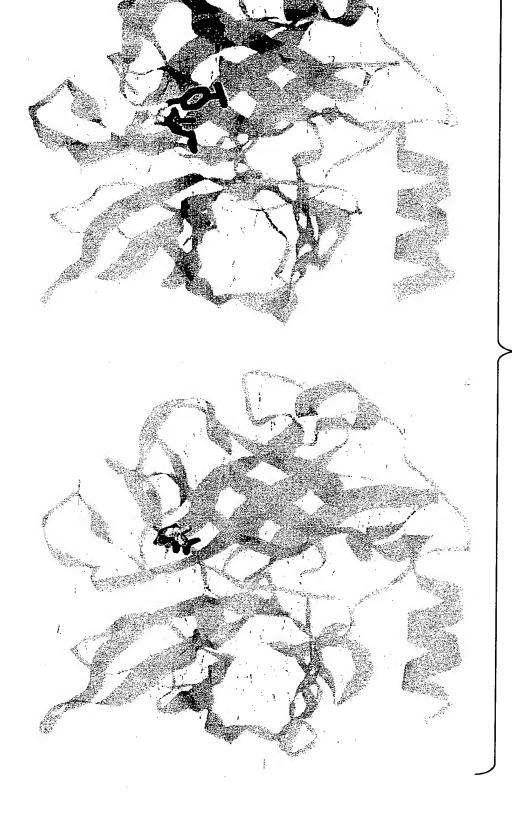




FIG.3E

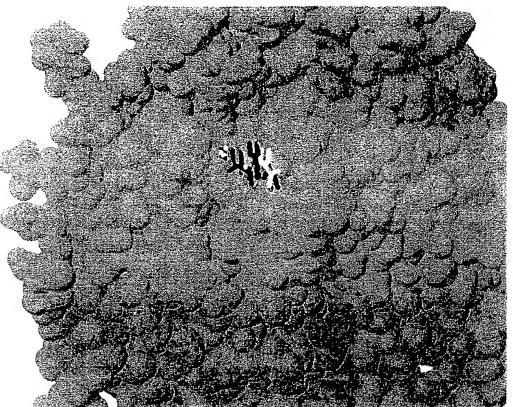












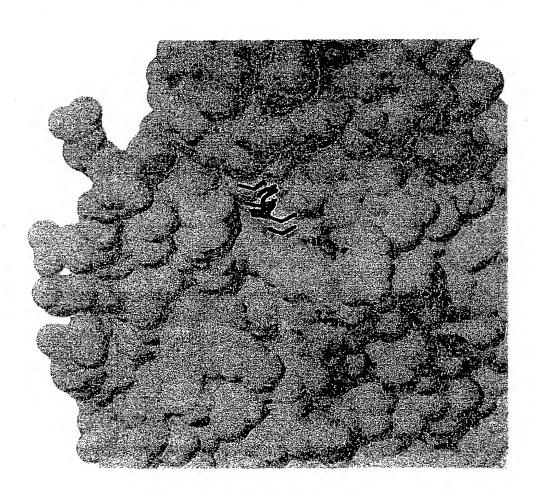


FIG.4A



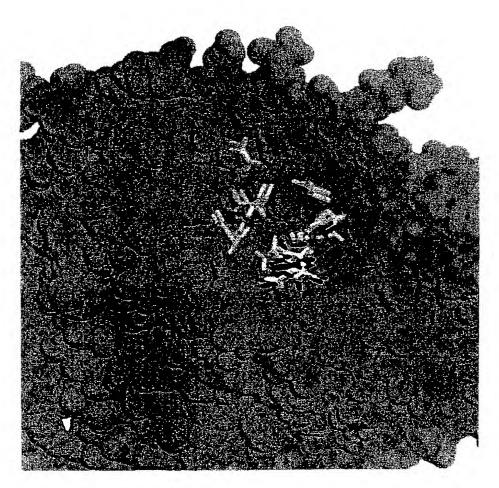


FIG.4C



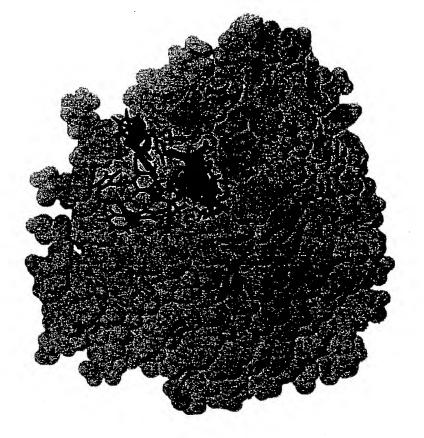


FIG.5B



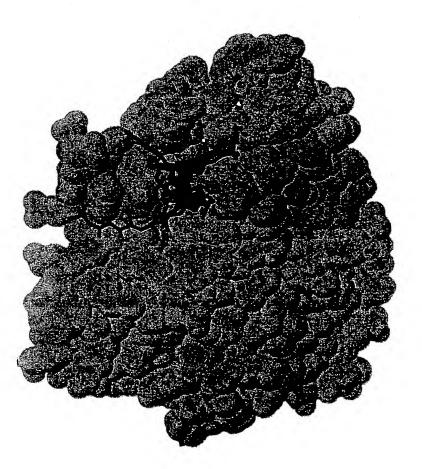


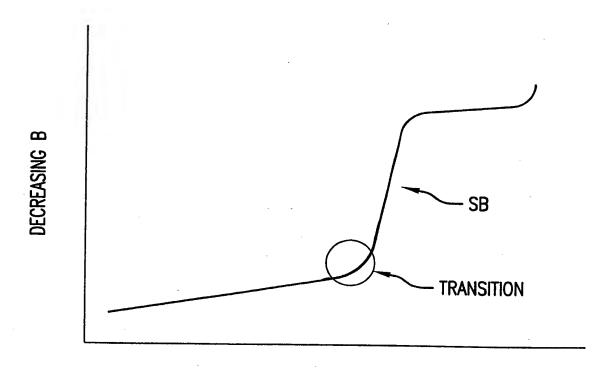






FIG.6A





NUMBER OF BOUND WATER MOLECULES

FIG. 7